Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 02 Feb 2021 until 23:59 on Wednesday 03 Feb 2021

Forecast Issued on Tuesday 02 Feb 2021 at 00:42

Confidence: High confidence in the forecast for the Tuesday and Wednesday although rainfall amounts may vary on the hills however lowering confidence from Thursday, please continue to follow for updates.

Headline for Tuesday 02 Feb 2021: Heavy snow through the morning, gradually turning back to rain later. Blizzard conditions possible for a time on summits in strong winds.

Mountain weather hazards on Tuesday 02 Feb 2021

Blizzards
Medium Likelihood

Heavy Snow
High Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
High Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy snow	Heavy snow	Fog	Drizzle	Heavy Rain	Heavy Rain
Precipitation probability					
80%	80%	60%	60%	60%	40%

Forecast for Tuesday 02 Feb 2021

Weather: Although it will be dry in the early hours a band of snow moves east across the Peak District in the morning. This will fall as snow at all levels initially but turning increasingly to rain and sleet at lower level during the afternoon as freezing level rises. Strong winds will give possible blizzard conditions for a time across the summits, and with a significant wind chill. Rain and sleet clearing east in the afternoon with some drier and brighter spells expected but further heavy showers expected during the evening.

Chance of cloud free mountain/hill tops above 600m: 10% or less, with snow then rain, sleet and heavy showers expected for most of the day it is likely that the tops will be covered in cloud from above 300m, there will be a few breaks in the afternoon, chances perhaps increasing to 40% but still some patches of lower cloud at times, lower cloud becoming extensive again later.

Visibility: Visibility will be poor for much of the morning in snow, during heavier precipitation it will become very poor from time to time. Low cloud will shroud the hills for much of the day with tricky navigation likely. During the afternoon visibility will improve moderate or good for a time with cloud rising to near or above summit level, but deteriorating again in the evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Tuesday 02 Feb 2021

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	27/37 E	21/30 SE	12/16 SE	10/14 SE	15/21 SE	16/23 S	19/28 SW
300	25/40 E	17/29 E	9/12 E	9/14 E	13/21 SE	10/17 SE	15/24 S
Valley	18/36 E	13/25 E	9/15 E	8/15 E	11/20 E	10/19 SE	9/23 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-10	-1/-9	1/-4	3/-1	3/-2	3/-2	3/-2
300	-0/-8	0/-5	2/-2	5/2	5/1	5/1	6/2
Valley	-0/-7	1/-4	2/-2	5/2	4/0	5/2	6/3
Freezing Level*	200m	300m	1100m	1200m	1400m	1400m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Strong winds combined with heavy snow in the morning could give blizzard conditions, also a significant wind-chill. Note the freezing level rising rapidly during the afternoon and evening.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Tue 02 Feb 2021	0mm	0mm	0mm

Forecast for Wednesday 03 Feb 2021

Weather: Most probably rather cloudy with poorest conditions in the west of the Peak District with a few cloud breaks or brighter spells in the east. There will be some dry periods but these will be hard to pinpoint.

Maximum wind: South 15-20mph.

Chance of cloud free mountain/hill tops above 600m: 40% there will be periods of low cloud shrouding the tops but in between times the cloud should lift for periods above the summits. More extensive cloud likely later associated with showers

Visibility: Visibility will be poor or very poor in heavy showers later from 400m to the summits, otherwise in drier periods cloud will thin and break with just patches from 600m and above.

Temperature: **Valleys:** Plus 1 rising to 6 Celsius.
At 600m: Plus 4 Celsius falling zero Celsius later.
Freezing level: Above the summits

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